

620-136 AH8/LP592****3



(Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	3030EF 1101	LITY LOCUS FOR OSTEOARTHRI	HS .	
ne specification of which (check	applicable box(s));			
is attached hereto				
was filed on		as U.S. Application Serial No.		(Atty Dkt, No. 620-136)
was filed as PCT Internati	* *	PCT/GB99/03284	on	4 October 1999
nd (If applicable to U.S. or PCT	application) was amended of	on		
nereby state that I have reviewed mendment referred to above. I efined in 37 C.F.R. 1.56. I here sted below and have also identi- high priority is claimed or, if no riority Foreign Application(s): Application Numb 9821427.3	ed and understand the conte acknowledge the duty to dis by claim foreign priority bene tied below any foreign applic priority is claimed, before the	ents of the above identified specificate close to the Patent Office all informations and an information of the patent of inventor's certification for patent or inventor's certification date of this application: Country GREAT BRITAIN	tion know loreign	ding the claims, as amended by any vn to me to be material to patentability as application(s) for patent or inventor's certification at filing date before that of the application or Day/Month/Year Filed 2 October 1998
9821428.1		GREAT BRITAIN		2 October 1998
9903441.5		GREAT BRITAIN		15 February 1999
Application Numb		Pate/Month/Year Filed r United States and PCT internation:	al applica	tions listed above or below;
rior U.S./PCT Application(s):		Day/Manth Wass Siled		Status: patented
pplication Serial No.		Day/Month/Year Filed		pending, abandoned
PCT/GB99/03264	ŀ	4 October 1999		
				ide on information and belief are believed to the like so made are punishable by fine or
e true and turther that these stanprisonment, or both, under Seroplication or any patent issued in Floor, Arlington, VA 22201—ttorneys thereof (of the same as the Patent and Trademark Officially C. Spooner, 27393; Leonar, 29366; Mary J. Wilson, 32955, 4776; Updeep S. Gill, 37334; M. 5329; Joseph A. Rhoa, 37515; ames/numbers no longer with ther organization sending instruction.	atements were made with the ction 1001 of Title 18 of the University of the 1714, telephone number (70 ddress) individually and collecte connected therewith and 131352; Richard G. Besha 1814 C. Mitchard. 29009; During J., Scott Davidson. 33489; ichael J. Shea. 34725; Dona Raymond Y. Man, 41426; Che lim and to act and rely socious to Nixon & Vandernye	e knowledge that willful false statem. United States Code and that such with e owner(s) hereof, I hereby appoint 03) 816-4000 (to whom all communicatively owner's/owners' attorneys to with the resulting patent: Larry S. N. 22770: Mark E. Nusbaum, 32348; Mare M. Byers, 33363; Jeffry H. Nelstan M. Kagen, 36178; Robert A. Mehris Comunitis, 31097; Laiso authorisis Comunitis, 31097. Laiso authorisis on instructions directly communicative of the state of the sta	ents and liful false NIXON 8 nications prosecut lxon, 256 ichael J. on, 3048 olan, 298 estec, 320 ize Nixon icated from	the like so made are punishable by fine or statements may jeopardize the validity of the VANDERHYE P.C., 1100 North Glebe Rd., are to be directed), and the following this application and to transact all business (40; Arthur R. Crawford, 25327; James T. Kaenan, 32106; Bryan H. Davidson, 30251; John R. Lastova, 33149; H. Warren Burnan (34; B. J. Sadoff, 36663; James D. Berquist, 331; Frank P. Presta, 19826; Joseph S. Presta & Vanderhye to delete any attorney or the person, assignee, attorney, firm, or
prisonment, or both, under Serplication or any patent issued Floor, Arlington, VA 22201-tomeys thereof (of the same at the Fatent and Trademark Officement, 30184; Robert W. Faristanley C. Spooner, 27393; Leon, 29366; Mary J. Wilson, 32955, 1776; Updeep S. Gill, 37334; M. 329; Joseph A. Rhoa, 37515; Imes/numbers no longer with the organization sending instruction of the same at the presentation of the same at th	atements were made with the ction 1001 of Title 18 of the University and on behalf of the 1714, telephone number (70 Idress) individually and collecte connected therewith and 31352; Richard G. Beshalf and C. Mitchard. 29009; Durichael J. Scott Davidson. 33489; ichael J. Shea. 34725; Dona Raymond Y. Man. 41426; Chae lirm and to act and rely solutions to Nixon a vanderny extensions to Nixon a vanderny extensions.	e knowledge that willful false statem. United States Code and that such will a community owner(s) hereof. I hereby appoint (03) 816-4000 (to whom all communicatively owner's/owners' attorneys to with the resulting patent: Larry S. N. 22770: Mark E. Nusbaum, 32348; Mane M. Byers, 33363; Jeffry H. Nelstan M. Kagen, 36178; Robert A. Mondald L. Jackson, 41090; Michelle N. Lonis Comunitis, 31097. Laiso authorise on behalf of the owner(s).	ents and liful false NIXON 8 nications prosecut lxon, 256 ichael J. on, 3048 plan, 298 estec, 320 ize Nixon icated fro SYKES (last)	the like so made are punishable by fine or statements may jeopardize the validity of the VANDERHYE P.C., 1100 North Glebe Rd., are to be directed), and the following eithis application and to transact all business 40; Arthur R. Crawford, 25327; James T. Keenan, 32106; Bryan H. Davidson, 30251; John R. Lastova, 33149; H. Warren Burnard 34; B. J. Sadoff, 36663; James D. Berquist, 31; Frank P. Presta, 19826; Joseph S. Presta & Vanderhye to delete any attorney from the person, assignee, attorney, firm, or Date: Date: GREAT BRITAIN (citizenship) Continue of the person
priseriment, or both, under Serplication or any patent issued plication or any patent issued Floor, Arlington, VA.22201-torneys thereof (of the same as the Fatent and Trademark Officemer, 30184; Robert W. Faris anley C. Spooner, 27393; Leon 29366; Mary J. Wilson, 32955, 776; Updeep S. Gill, 37334; M. 329; Joseph A. Rhoa, 37515; Inventors no longer with the organization sending instruction of the same and the sending instruction. Inventors Signature: Inventor: Residence: (city)	atements were made with the ction 1001 of Title 18 of the Landerson. And on behalf of the 1714, telephone number (7 ddress) individually and collecte connected therewith and 31352; Richard G. Besha and C. Mitchard. 29009; During J., Scott Davidson. 33489; ichael J. Shea. 34725; Dona Raymond Y. Man, 41426; Chae lirm and to act and rely socious to Nixon & Vandernye Grist). Bryan (first) Oxford	e knowledge that willful false statem. United States Code and that such wite owner(s) hereof, I hereby appoint 03) 816-4000 (to whom all communicatively owners/owners' attorneys to with the resulting patent: Larry S. N. 22770: Mark E. Nusbaum, 32348; Mane M. Byers, 33363; Jeffry H. Nelst Alan M. Kagen, 36178; Robert A. Mald L. Jackson, 41090: Michelle N. Lenis Comunitis, 31097. Laiso authoriely on instructions directly communication behalf of the owner(s). MI (state/coun	ents and liful false NIXON 8 nications prosecut lxon, 256 ichael J. on, 3048 ichael J. on	the like so made are punishable by fine or statements may jeopardize the validity of the VANDERHYE P.C., 1100 North Glebe Rd., are to be directed), and the following e this application and to transact all business 40; Arthur R. Crawford, 25327; James T. Keenan, 32106; Bryan H. Davidson, 30251; John R. Lastova, 33149; H. Warren Burnan 34; B. J. Sadoff, 36663; James D. Berquist, 31; Frank P. Presta, 19828; Joseph S. Presta & Vanderhye to delete any attorney firm, or Date: Date: GREAT BRITAIN (citizenship)
true and turther that these stapping and turther that these stapping and turther that these stapping and the parent or any patent issued Floor, Arlington, VA 22201-orneys thereof (of the same at the Patent and Trademark Officement, 301-84, Robert W. Faris anley C. Spooner, 27393; Leon 29366; Mary J. Wilson, 32955 776; Updeep S. Gill, 37334; Mary Joseph A. Rhoa, 37515; mes/numbers no longer with the ter organization sending instruction organization.	atements were made with the ction 1001 of Title 18 of the Landerson. And on behalf of the 1714, telephone number (7 ddress) individually and collecte connected therewith and 31352; Richard G. Besha and C. Mitchard. 29009; During J., Scott Davidson. 33489; ichael J. Shea. 34725; Dona Raymond Y. Man, 41426; Chae lirm and to act and rely socious to Nixon & Vandernye Grist). Bryan (first) Oxford	e knowledge that willful false statem. United States Code and that such will a community owner(s) hereof. I hereby appoint (03) 816-4000 (to whom all communicatively owner's/owners' attorneys to with the resulting patent: Larry S. N. 22770: Mark E. Nusbaum, 32348; Mane M. Byers, 33363; Jeffry H. Nelstan M. Kagen, 36178; Robert A. Mondald L. Jackson, 41090; Michelle N. Lonis Comunitis, 31097. Laiso authorise on behalf of the owner(s).	ents and liful false NIXON 8 nications prosecut lxon, 256 ichael J. on, 3048 ichael J. on	the like so made are punishable by fine or statements may jeopardize the validity of the VANDERHYE P.C., 1100 North Glebe Rd., are to be directed), and the following e this application and to transact all business 40; Arthur R. Crawford, 25327; James T. Keenan, 32106; Bryan H. Davidson, 30251; John R. Lastova, 33149; H. Warren Burnan 34; B. J. Sadoff, 36663; James D. Berquist, 31; Frank P. Presta, 19828; Joseph S. Presta & Vanderhye to delete any attorney firm, or Date: Date: GREAT BRITAIN (citizenship)
rue and turther that these starprise ment, or both, under Serpelication or any patent issued oplication or any patent issued of Floor, Arlington, VA 22201-torneys thereof (of the same at the Fatent and Trademark Officiner, 30164; Robert W. Faristanley C. Spooner, 27393; Leoner, 29366; Mary J. Wilson, 329554776; Updeep S. Gill, 37334; M. 5329; Joseph A. Rhoa, 37515; arnes/numbers no longer with the ther organization sending instruction organization sending instruction: Residence: (city) Mailing Address:	atements were made with the ction 1001 of Title 18 of the University and on behalf of the 1714, telephone number (70 Idress) individually and collecte connected therewith and 31352; Richard G. Beshalf and C. Mitchard. 29009; Durichael J. Shea. 34725; Dona Raymond Y. Man. 41426; Chae lim and to act and rely solutions to Nixon a vanderny of the lim and to act and rely solutions to Nixon a vanderny of the liminal of Molecular Medical Institute Inst	And Communications directly communications of the owners of the resulting patent: Larry S. N. 22770: Mark E. Nusbaum, 32348; M. Alan M. Kagen, 36178; Robert A. Mondald L. Jackson, 41090; Michelle N. Lendre on behalf of the owner(s). MI (state/coundicine, John Radcliffe Hospital, University of the owner(s).	ents and liful false NIXON 8 nications prosecut lxon, 256 ichael J. on, 3048 ichael J. on	the like so made are punishable by fine or statements may jeopardize the validity of the VANDERHYE P.C., 1100 North Glebe Rd., are to be directed), and the following e this application and to transact all business 40; Arthur R. Crawford, 25327; James T. Keenan, 32106; Bryan H. Davidson, 30251; John R. Lastova, 33149; H. Warren Burnan 34; B. d. Sadoff, 36663; James D. Berquist, 31; Frank P. Presta, 19828; Joseph S. Presta & Vanderhye to delete any attorney om the person, assignee, attorney, firm, or Date: Date: GREAT BRITAIN Critizenship) Criti
true and turther that these starting and turther that these starting and many patent issued oplication or any patent issued of Floor, Arlington, VA.22201-torneys thereof (of the same at the Patent and Trademark Officemer, 30164, Robert W. Faristanley C. Spooner, 27393; Leon. 29366; Mary J. Wilson, 32955, 1776; Updeep S. Gill, 37334; M. 329; Joseph A. Rhoa, 37515; Inventor's Residence (city) Mailing Address: (Zip Code) Inventor's Signature:	atements were made with the ction 1001 of Title 18 of the teneron. And on behalf of the 1714, telephone number (7 ddress) individually and collecte connected therewith and 31352; Richard G. Beshalf and C. Mitchard. 29009; Durichael J. Shea, 34725; Dona Raymond Y. Man, 41426; Chae lim and to act and rely so ctions to Nixob & Vandernye (first) Oxford Dysord Oxford Oxford Oxford Oxford	e knowledge that willful false statem. United States Code and that such with e owner(s) hereof, I hereby appoint 03) 816-4000 (to whom all communicatively owner's/owners' attorneys to with the resulting patent: Larry S. N. 22770: Mark E. Nusbaum, 32348; Mane M. Byers, 33363; Jaffry H. Nelst Alan M. Kagen, 36178; Robert A. Montis Comunities, 31097. Lalso authoristic comunities, 31097. Lalso authoristic on behalf of the owner(s). MI (state/coundicine, John Radcliffe Hospital, University of the owner).	ents and liful false NIXON 8 nication: prosecut lxon, 256 ichael J. on, 3048: olan, 298 estec, 32: lize Nixon icated fro SYKES (last) try) GI ersity of ((last) try) GI ersity of (the like so made are punishable by fine or statements may jeopardize the validity of the VANDERHYE P.C., 1100 North Glebe Rd. VANDERHYE P.C., 1100 North Glebe Rd. are to be directed), and the following ethis application and to transact all business 40; Arthur R. Crawford, 25327; James T. Kaenan, 32106; Bryan H. Davidson, 30251; Kaenan, 32106; Bryan H. Davidson, 30251; John R. Lastova, 33149; H. Warren Burnar 34; B. J. Sadoff, 36663; James D. Berquist, 31; Frank P. Presta, 19828; Joseph S. Presta & Vanderhye to delete any attorney firm, or Date: GREAT BRITAIN Deford, Oxford, GREAT BRITAIN Cittizenship) GREAT BRITAIN CITIZENSHIP) CREAT BRITAIN CITIZENSHIP)

 \boxtimes See attached sheet(s) for additional inventor(s) information!!

ierial No.

Anny Court of the Court of the

's Signature: Inve Inversion

Residence: (city)
Mailing Address: (Zip Code) Andrew

(first)

Oxford

Oxford

Oxford

Oxford

Oxford

Oxford

Oxford, GREAT BRITAIN

Oxford, GREAT BRITAIN

Date:

(Domestic

Assigned/Foreign) Page 2

GREAT BRITAIN (cilizenship)

OX37LD

508872